

APPENDIX II

Replacement Abstract

ABSTRACT

A signal processor generates signals to reproduce video and audio from a received encoded digital signal. The signal processor includes: a first decoder for separating a first video signal and a first audio signal from a digital signal; a second decoder for separating a second video signal and a second audio signal from a digital signal; a video controller, which receives the first and second video signals, subjects a selected video signal to video processing; a clock generator for generating a clock signal of which the frequency corresponds to that of the first audio signal; an audio processor, which receives the second audio signal and the clock signal and converts the frequency of the second audio signal into that of the first audio signal; and an audio switch which outputs one of the two audio signals that is associated with the video signal being selected by the video controller.